

ABSTRACT

5 A printing paper sheet is provided in which cellulose
fibers are coated with solids of a substantially organic
solvent-free silicone resin emulsion composition which is
obtained by emulsion polymerization of a mixture comprising
(a) a singly water insoluble, silanol group-bearing silicone
resin and/or a radical polymerizable vinyl group-bearing
10 alkoxysilane and (b) a radical polymerizable vinyl monomer.
The paper sheet in which cellulose fibers are coated with
the acrylic silicone resin is minimized in deformation or
stretching and contraction upon water absorption and thus
suited for printing by an ink jet printer. The quality of
15 printed image is equal to ordinary coated paper sheets.

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